

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Research Triangle Institute	11/13/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Halliburton Energy Services, Inc.
<b>Street Address:</b>	10200 Bellaire Blvd.
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77072
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12547233
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	18088-0002001
<b>NAME OF SUBMITTER:</b>	Dee Bacon
<b>Total Attachments: 2</b>	
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CH \$40.00 12547233

ASSIGNMENT

WHEREAS, RESEARCH TRIANGLE INSTITUTE (hereafter "Assignor"), a nonprofit organization, having a place of business at 3040 East Cornwallis Road, Research Triangle Park, Durham, North Carolina 27709-2194, submits that it is the owner of an application for Letters Patent titled "METHODS OF ACTIVATING COMPOSITIONS IN SUBTERRANEAN ZONES:" and

WHEREAS, HALLIBURTON ENERGY SERVICES, INC. (hereafter "Assignee"), a Delaware Corporation, having a place of business at 10200 Bellaire Blvd., Houston, Texas 77072, is desirous of acquiring all right, title and interest in and to the patent application:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor, by these presents, does sell, assign and transfer and convey unto Assignee, its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application serial number 12/547,233 filed on August 25, 2009 and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by Assignee, for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by Assignor and had this assignment and sale not been made. Assignor represents and warrants that it owns the rights to the identified invention.

And Assignor does further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And Assignor further agrees to communicate to Assignee, its successors, assigns or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to it, and to testify as to such facts in any interference or other litigation.

Executed this 13<sup>th</sup> day of Nov, 2009, at 4 pm

RESEARCH TRIANGLE INSTITUTE

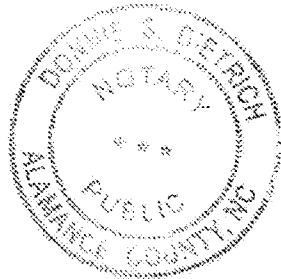
By: [Signature]

Name: G. Edward Story  
Senior Vice President  
General Counsel  
Title: And Corporate Secretary

STATE OF NC )  
COUNTY OF Durham ) SS.

Before me personally appeared G. Edward Story and acknowledged the foregoing instrument to be his/her free act and deed this 13<sup>th</sup> day of Nov, 2009.

Seal



Donnie S. Dietrich  
(Notary)

Expires: April 17, 2010